Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:	EPA Contact (s): Kelly Moran / Bill	State Contact: Jason Minnich	PRC: 201B03E	
Public Water System Supervision	Arguto			
Work years:				

Program Description:

Environmental Outcomes Measures		Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments	
Protect human health by reducing exposure to contaminants in drinking water.	2.1.1 – Percent of the population served by community water systems that receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection. SP-1 – Percent of community water systems that provide drinking water that meets all applicable health-based drinking water standards.	DATA MANAGEMENT OUTPUTS: Each quarter, ensure accurate and complete data related to inventory, compliance, and enforcement activities are provided to EPA in a timely manner. ACTIVITIES: Maintain a database management system for inventory, monitoring, and Monitoring/Reporting (M/R) and Maximum Contaminant Level (MCL) violations. Report quarterly (within 45 days of the end of each quarter) all violations / inventory updates and rule implementation priorities to SDWIS/FED. For National Program Manager Guidance Measures, see the notes in the "Program Management" section of this workplan. Report all inventory updates; M/R, MCL, Public Notification (PN), and treatment technique violations; Lead and Copper Rule (LCR) unaddressed violations; formal enforcement actions and successfully link them to appropriate violations; variances and exemptions; milestone information required under the regulations; required SWTR data; and compliance achieved, identify and correct erroneous data, and submit deactivation data to SDWIS/FED for all applicable systems, especially Significant Non-Compliers (SNCs). Update system programming to meet changes to reporting requirements.	Maintained the Pennsylvania Drinking Water Information System (PADWIS). The Quarterly Progress Report is now incorporated into this report. SDWIS/FED updates were submitted on 2/15, 3/15, 5/15, 6/15. DEP's Stage 2 Disinfectants/Disinfection By-Products Rule (D/DBPR), Lead/Copper Rule, and Short-term Revisions (LCRSTR) teams are currently working on development, implementation and compliance determination of these rules. All major changes needed to date for the Long-term 2 Rule (LT2) have been completed. PADWIS programming is underway for Stage 2 D/DBPR and LCRSTR but has been delayed by incomplete guidance from EPA.	

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:
Public Water System Supervision
Work years:

EPA Contact (s): Kelly Moran / Bill
Arguto

State Contact: Dawn Hissner

PRC: 201B03E

Program Description:

Environmental Outcomes	Measures	Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water.	(continued)	COMPLIANCE AND ENFORCEMENT OUTPUTS: Undertake enforcement program with informal and formal actions; make compliance determinations consistent with federal regulations; and develop and deliver training programs for staff and public water suppliers. ACTIVITIES: Complete the Annual Compliance Report by July 1st for the previous calendar year.	The 2011 Annual Compliance Report was submitted to EPA on 6/30/2012. Number of enforcement actions taken during this reporting period (Source: eFACTS): • Total # enforcement actions = 109 • # formal actions = 97 • # informal actions = 12 • Total fines/penalties assessed = \$115,277 • Total fines/penalties collected = \$211,915* *includes penalty payments against violations/penalties assessed
		Promote compliance with the regulations. Notify all systems of regulatory requirements, take enforcement actions, provide technical assistance, and issue waivers, variances and exemptions, where appropriate. - number of technical assistance activities - number of enforcement actions taken - number of actions taken to promote compliance and describe	during an earlier reporting period Compliance Assistance Activities: • Presentations at water industry meetings (PaAAEL, Pa Section AWWA, PRWA) • DEP issued the winter edition of the Drinking Water Newsletter in March 2012.
		Respond to SNC systems and, each quarter, provide responses to the Ground Water and Enforcement Branch. Work with EPA's SNC Coordinator to determine why problems are occurring and take steps to correct.	DEP responded to high priority PWSs per the ETT tool as follows: • Jan 2012 ETT Report – DEP provided responses for 78 PWSs on 2/24/2012. • Apr 2012 ETT Report – DEP provided responses for 89 PWSs on 6/6/2012.
		Maintain records of pertinent State decisions and report all responses to M/R and MCL violations in accordance with escalation procedures as negotiated in the State Compliance Strategy.	DEP continued to maintain pertinent records on State decisions and reported all responses to violations.

	The Compliance Strategy is in the process of being updated/finalized for the new rules. Draft compliance documents were disseminated and discussed at this year's statewide staff meeting in May 2012.

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan	EPA Contact (s): Kelly	State Contact (s): Jason Minnich / Dawn Hissner	PRC: 201B03E	
Component/Program:	Moran / Bill Arguto			
Public Water System				
Supervision				
Work years:				
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Program Description:

Environmental Outcomes	Measures	Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water.	(continued)	STATE REPORTING MEASURES AND KEY PWSS PROGRAM PERFORMANCE INDICATORS OUTPUTS: Meet required reporting through quarterly SDWIS compliance data or through other reporting already done under other initiatives such as the Source Water Matrix or Wellhead Protection Program reports. For information not already reported to EPA, the reporting frequency is semi-annual. ACTIVITIES: Implement federal rules: Total Coliform Rule; Phase II and V Rule for nitrates / nitrites and chronic contaminants; Lead and Copper Rule including the Minor Revisions, Stages 1 and 2 Disinfectants/Disinfection Byproducts Rule; Interim Enhanced Surface Water Treatment Rule; Radionuclides Rule; Arsenic Rule, Filter Backwash Recycling Rule; Long Term 1 and 2 Enhanced Surface Water Treatment Rules; Public Notification Rule; Ground Water Rule; and all other currently regulated chemicals. Revise the State Compliance Strategy to reflect changes in the State and Federal regulations, including revised Penalty Authorities, any new or revised State MCLs, any new SNC definitions, State procedural or organizational changes, and State/U.S. EPA Enforcement Agreements. Screen data submitted by public water systems for evidence of data falsification and take follow-up enforcement action as appropriate.	All federal rules have been incorporated into Chapter 109. PA DEP has the authority to enforce all the state rules. • DEP is waiting for final comments from EPA regarding the Stage 2 D/DBPR primacy package. • DEP is preparing a response to additional questions on the GWR and LT2 primacy packages. • The LCRSTR primacy package was submitted to EPA on 7/7/2011. DEP is awaiting a response from EPA. • The outstanding VRB issues need to be resolved at the federal level. Once the issues are resolved, DEP will submit a primacy request for the Phase II/V rules. The Compliance Strategy is in the process of being updated/finalized for the new rules. DEP's central office, regional, and Bureau of Laboratories staff continued to screen data for evidence of data falsification.

Certify that the responsible State agency (if not the drinking water program) continues to enforce the Lead Ban, through inspections and State enforcement actions.	An intern was hired in May to conduct the Lead Ban program for 2012. For the January-June period, the intern surveyed 124 stores (including repeat visits) and determined the following: • 86 stores sell solder and 71 sell only lead-free solder; • None of the stores were selling banned solder; and, • 6 stores (7%) were selling restricted solder in the plumbing section and so, were not in compliance with the PA Lead Ban Act.
	Violation notices are sent to all stores with a violation; repeat visits will be made to any store selling banned solder. The final 2011 report is posted at the following link: http://files.dep.state.pa.us/Water/Drinking%20Water%20and%20Facility%20Regulation/DrinkingWaterPortalFiles/watersupply/pb_ban_rpt_2011.pdf
Maintain records of tests, measurements, analyses, decisions, and determinations performed on each PWS to determine compliance with application drinking water regulations; sanitary surveys, enforcement actions, vulnerability determinations, Public Notice, etc.; make records available to the Regional Administrator upon request.	During this reporting period, all records were maintained as required.
Report on implementation of Consumer Confidence Rule. Report violations and enforcement actions directly to SDWIS/FED by November 15.	CCR compliance will be calculated during the next reporting period.

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:
Public Water System Supervision
Work years:

EPA Contact (s): Kelly Moran / Bill Arguto
Kevin Anderson (LT2)

PRC: 201B03E

Program Description:

Environmental Outcomes Measures		Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water.	(continued)	NEW REGULATION DEVELOPMENT OUTPUTS: Adopt all rules on schedule, complete all primacy application packages, report on major implementation issues or problems, and apply for extensions when necessary. ACTIVITIES: Revise State regulations so that these are as stringent as the analytical methods changes published in the Federal Register on December 5, 1994, March 5, 1997, December 1, 1999, May 15, 2001, and October 23, 29, 2002 [CFR §142.12]. Maintain and report on required statutory and regulatory authorities. Report on any changes to statutory, regulatory, or laboratory certification status of the State Primacy Agency. Report new rule data to SDWIS/FED per Extension/Implementation Agreements. For new rules that are in effect, but the state does not have Primacy, report information for EPA Region III to make compliance determinations. Prepare for and adopt the Lead and Copper Rule Short Term Revisions and Ground Water Rule. Prepare for the *Radon Rule by identifying and working with PWSs with elevated levels to reduce risk of exposure. Adopt and implement Stage 2 DBPR and Long Term 2 Interim Enhanced Surface Water Treatment Rule. *contingent upon EPA's promulgation schedule.	All federal rules (Stage 2 D/DBPR, LT2, GWR, and LCRSTRR) have been incorporated into Chapter 109. DEP has the authority to implement and enforce all of these rules. Approved analytical methods are incorporated by reference in DEP's regulations. DEP continues to implement and determine compliance for these rules. All major PADWIS programming changes required by the GWR have been completed. PADWIS programming is underway for the Stage 2 D/DBPR but has been delayed by incomplete guidance from EPA. PADWIS programming is complete for most of the LCRSTRR and LT2 rules. However, programming is still needed in order to accept Round 2 LT2 source water monitoring. Quarterly updates of PADWIS data were reported to EPA for GWR and LCRSTRR on February 15 and May 15. LT2 compliance data will be included in the next update on August 15. LT2 source monitoring data and Stage 2 IDSE updates are submitted in a spreadsheet that is updated quarterly. The next quarterly update for Stage 2 D/DBPR will also include compliance determinations for Schedule 1 systems.

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:
Public Water System Supervision
Work years:

EPA Contact (s): Kelly Moran / Bill Arguto
McNamara

State Contact (s): Dawn Hissner / Pari Parikh / Bill
McNamara

PRC: 201B03E

Program Description:

Environmental Outcomes Measures		Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water.	SDW-1a – Percent of community water systems (CWSs) that have undergone a sanitary survey within the past three years (five years for outstanding performers) as required under the Interim Enhanced and Long-Term I Surface Water Treatment Rules.	SURVEILLANCE AND TECHNICAL ASSISTANCE OUTPUTS: Conduct number or percent sanitary surveys and other inspections/visits of water systems Ground Water CWS - Surface or GUDI CWS - NTNCWS - TNCWS	Sanitary Survey Inspections conducted January 1-June 30, 2012:Groundwater CWS = 343Surface or GUDI CWS = 101NTNCWS = 133TNCWS = 670 Other inspections conducted (CWS and NCWS combined):Partial = 1,038Follow-Up = 260Complaint = 42
		Permit drinking water facilities to assure that the design and construction of facilities will be capable of compliance with drinking water standards. - number of plan review/permits issued Train operators and staff on regulations, treatment technologies, security, and public education. - numbers and types of training sessions held - number of individuals trained on new and current regulations and water treatment technologies, including focused training on small system treatment technology ACTIVITIES: Maintain an adequate sanitary survey program. With the help of EPA in-kind contributions and EPA instructors, coordinate a sanitary survey training course for Field Operations staff to develop capabilities for conducting an effective and comprehensive review of a public water system, including the eight essential elements of a sanitary survey as defined by EPA and State guidance.	In the first two weeks of May 2012, DEP drinking water staff from all state offices convened for 2.5 days of staff training. The 180 attendees to the conference-style training meeting (90 each week) included DEP and county health department staff. Drinking water staff from the Bureau of Safe Drinking Water presented sessions on 16 different technical drinking water topics including regulations, technical guidance, and essential field inspection skills. A Sanitary Survey course is planned for 2013. With the help of EPA in-kind contributions and EPA instructors, DEP will coordinate a sanitary survey training course for Field Operations staff to develop capabilities for conducting an effective and

eight essential elements of a sanitary survey as defined by EPA and State guidance. DEP has a permitting program under Subchapter E of Chapter Maintain an adequate plan and specification review program to assure design and construction of new and modified PWS facilities. 109. Reviews are conducted by engineering staff, under the responsible charge of a licensed professional engineer. Maintain the capability to respond to emergency circumstances and ensure provision DEP maintains a department-wide emergency response plan and enforces the requirements for CWSs to develop and update their of potable drinking water under emergency circumstances. own emergency response plan. On January 7, 2011, EPA Region III approved PA DEP's Maintain documentation for and implement a Quality Management System. Quality Management Plan. The plan addresses EPA's environmental data quality and process needs of grant-supported Develop, implement, and update documentation for Quality Assurance Project Plans programs and reflects an overall Quality Assurance Program (OAPP). framework that meets the needs of users and decision-makers. The Plan is valid for a period not to exceed five years. Establish and maintain a state program for the certification of laboratories. DEP maintained a state program for the certification of laboratories. Please refer to the Bureau of Laboratories annual report for more information. In calendar year 2010, maintain sample analysis for the Safe Drinking Water Program The work was completed in 2010. DEP is not using PWSS during high-volume seasonal work through the hiring of two interns at DEP's Bureau funds to support interns in calendar years 2011 or 2012. of Laboratories. Carry out the responsibilities of the Unregulated Contaminant Monitoring Rule UCMR2 activities are now complete with the exception of a few (UCMR2). Provide sampling and reporting assistance to those water systems PWSs that haven't submitted final monitoring results. DEP performing monitoring of List 1 and List 2 contaminants; assist EPA in obtaining completed the following UCMR3 activities during the last six water system compliance through follow-up contact with those systems; review detects months: reported to SDWARS/UCMR and take action if needed; work with CWSs to include • Reviewed the final State Monitoring Plan (SMP) for the 3rd UCMR data in CCRs; work with CWSs, and NTNCWSs to include a notification of cycle of UCMR3, which was amended to include a Screening Survey Monitoring requirement for large PWSs. the availability of the results of PNs. Notified PWSs of their selection to conduct Assessment Monitoring and Screening Survey Monitoring and their assigned monitoring schedules. Reviewed and commented on a proposed supplemental draft SMP for small PWSs selected to participate in Screening Survey Monitoring.

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:
Public Water System Supervision
Work years:

EPA Contact (s): Kelly Moran / Bill Arguto
State Contact: Jason Minnich / Patrick Bowling
(SP-4(a) and 4(b) only) / Phil Consonery

(SP-4(a) and 4(b) only) / Phil Consonery

Program Description:

Environmental Outcomes	Measures	Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments	
Protect human health by reducing exposure to contaminants in drinking water.	2.1.1 – Percent of the population served by community water systems that receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection. (Goal = 90%) SP-1 – Percent of community water systems that provide drinking water that meets all applicable health-based drinking water standards. (Goal = 87%) SDW-1a – Percent of community water systems (CWSs) that have undergone a sanitary survey within the past three years (five years for outstanding performers) as required under the Interim Enhanced and Long-Term I Surface Water Treatment Rules. (Goal = 91%)	PROGRAM MANAGEMENT OUTPUTS: Report the six percentages for the FFY 2012 National Program Manager Guidance Measures for each target under the "Measures" column starting on this page and negotiate future measures with Region III when they are available. Measure Percentage Goal (%) 2.1.11 90 SP-11 87 SDW-1a 91 SP-22 91 SP-4(a) 35 SP-4(b) 81 1 To allow staff 45 days to respond to potential violations, violations generated during an alternative six-month period of December 1 through May 31, or June 1 through November 30, are provided. 2 To allow staff 45 days to respond to potential violations, violations generated during an alternative twelve-month period of June 1 through May 31 are provided.	Measure Percentage Goal (%) 2.1.1 98.1 90 SP-1 97.1 87 SDW-1a 88.1 91 SP-2 98.8 91 SP-4(a) 31.0 35 SP-4(b) 80.0 81	

SP-2 – Percent of "person months" (i.e. All persons served by CWSs FTEs Charged (at 1,600 hours per FTE). 58 and 52 FTEs are budgeted for FY 2011 See the attached spreadsheet for details on DEP's Cross times 12 months) during which and 2012, respectively. Approximately 15% is devoted to "Program Administration, Application Time Sheets (CATS). CWSs provide drinking water that Management, Development, and Evaluation" (CATS work code 38200) and the 38200 = 5.1 FTEsmeets all applicable health-based remaining time is devoted to "PWS Compliance Assessment" (CATS work code 38210 = 57.4 FTEs drinking water standards. (Goal = 38210). Total for state FY '11-12 = 62.5 FTEs (includes state match) 91%) Report the violation validation lag time statistics. (Goal = 30-day median value) See the attached spreadsheet, "Lagtime_063012.xlsx". **SP-4(a)** -- Percent of CWSs where risk to public health is minimized through source water protection. **ACTIVITIES:** (Goal = 35%)Prepare and submit DRAFT FY 2011 and FY 2012 grant application work plans to For state FY '12-13 and FY '13-14, DEP submitted a draft EPA Region III. workplan through grants.gov on May 8, 2012 (DUNS #1356688870000). **SP-4(b)** – Percent of the Prepare and submit a final FY 2011 and FY 2012 grant application that addresses all population served by CWSs where For state FY '12-13 and FY '13-14, DEP is awaiting comments Region III comments on the preliminary draft plan. risk to public health is minimized from Region III staff on the draft workplan. through source water protection. (Goal = 81%)Prepare and submit a semi-annual self assessment that reports State progress in The PWSS semi-annual progress reports were delivered to EPA Region III on February 15, 2011, August 8, 2011, February meeting State program plan commitments to Region III. 10, 2012, and August 15, 2012. Discuss all changes to the approved work plan with the EPA State Program Manager EPA Region III and DEP negotiated commitments for the prior to making the change in order to determine if this is a significant program change FFY 2012 NPM Guidance Measures during this reporting period. The revised goals are included under the outputs in this requiring an amendment or other written documentation for the grant award. section of the workplan. Negotiations will begin on the FFY 2013 measures during late summer 2012. Provide Federal Financial Reports (FFR) documenting FY 2010 and FY 2011 FFRs are completed by Pennsylvania's Comptroller Operations expenditures within 90 days of the end of the budget period. in the Office of the Budget and submitted directly to EPA. On December 16, 2010, the Comptroller completed the final FFR for July 1, 2008 through June 30, 2010. An FFR for the period July 1, 2010 through June 30, 2012, will be submitted to EPA by October 1, 2012. Through separate progress reports, PA DEP will provide semi-annual updates on The required updates will be provided in DEP's latest semiannual set aside progress report. The set-aside progress report activities and outputs for Capacity Development, Operator Certification and Training, Source Water Assessment and Protection Programs, and the Water Protection will be submitted to EPA Region III on or before August 22. (Security) Coordination Grant. The semi-annual Security report was submitted on August 3, 2012, within the established deadline.

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:	EPA Contact (s): Kelly Moran / Bill Arguto	State Contact: Dawn Hissner	PRC: 201B03E
1 0	ETA Contact (5). Keny Woran / Bin Aiguto	State Contact. Dawn Hissier	I RC. 201D03E
Public Water System Supervision			
Work years:			

Program Description:

Environmental Outcomes	Measures	Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water. CAS: Correct deficiencies noted during data verification audits. Improve the understanding of new and existing regulatory requirements.		ADDITIONAL STATE ACTIVITIES FUNDED WITH PWSS GRANT MONIES OUTPUTS: Submit a status update in the semi-annual progress report. ACTIVITIES: A Compliance Assessment Specialist (CAS) will continue to develop guidance documents for new or revised regulations as well as work with EPA Region III staff to adapt EPA's current Data Verification Protocol to address the unique features of PADWIS and then conduct regional and district office data verifications on a continuing basis.	The CAS continued work on LT2, Stage 2 D/DBPR and GWR implementation issues and evaluating staff violation/enforcement responses for appropriateness and consistency. The CAS and other Operations staff drafted revisions to DEP's Sanitary Survey reference checklist. The forms are currently being piloted via joint inspections with field and central office staff and will be finalized after the May 2012 statewide staff meeting. The CAS also played a key role in training development and delivery for the statewide meeting.